LOS ALTOS HILLS
CALIFORNIA

2013 CALIFORNIA GREEN BUILDING CODE
RESIDENTIAL CHECKLIST

New residential buildings must be designed to include the Green Building mandatory measures specified in this checklist. These Green Building mandatory measures also apply to additions or alterations of existing residential buildings where the addition or alteration increases the buildings conditioned area, volume, or size. These requirements apply only to the specific area of addition or alteration.

Building Permit Number: _____

Site Address:_____

In the column labeled "Plan Reference"
specify where each Measure can be found on the plans.

Green Building Measure	Plan Reference
SITE DEVELOPMENT (2013 CGC §4.106)	
A plan has been developed, and will be implemented, to manage storm water drainage during construction. CGC §4.106.2 & §4.106.3	
ENERGY EFFICIENCY (2013 CGC §4.2 and the 2013 California Building Energy Efficiency Standards)	
2013 Energy Code performance compliance documentation must be provided in 8-1/2" X 11" format and must be replicated on the plans.	
Walls with 2 X 6 and larger framing require R-19 insulation §150.0 (c) 2	
Hot water piping insulation §150.0 (j) 2 A ii	
Lighting – new mandatory requirements for indoor rooms. §150.0 (k)	
Duct insulation (R-6) required §150.0 (m) 1	
Duct leakage testing – 6% w/o air handler and 4% with air handler §150.0 (m) 11	
Return duct design/fan power, airflow testing, and grill sizing requirements §150.0(m)13	
Water heating – 120 volt receptacle < 3 ft., Cat III or IV vent, and gas supply line capacity of at least 200,000 Btu / hour §150.0 (n)	
New third-party HERS verification for ventilation and indoor air quality §150.0 (o)	
New mandatory U-factor (0.58) for fenestration and skylights §150.0 (q)	
Luminaire efficiency levels 2013 California Energy Code Table 150.0 B	
Refrigerant charge verification for ducted package units, mini-splits, and other units §150.1 (c) 7	
Radiant barrier now required in Climate Zone 3 §150.1 (c) 2	
Reduce U-factor (0.32) and SHGC (0.25) for high performance windows §150.1 (c) 3 A	

Green Building Measure	Plan Reference
WATER EFFICIENCY AND CONSERVATION (2013 CGC §4.3)	
Plumbing fixtures (water closets and urinals) will comply with the following: 1. The effective flush volume of all water closets will not exceed 1.28 gal / flush. 2013 CGC §4.303.1.1 2. The effective flush volume of urinals will not exceed 0.5 gal / flush. 2013 CGC §4.303.1.2	
The fittings for faucets and showerheads will have all required standards listed on the plans; 1.5 GPM for faucets and 2.0 GPM for showers. 2013 CGC §4.303.1.3 and 2013 CGC §4.303.1.4	
An automatic irrigation system controller for landscaping will be provided by the builder and installed at the time of final inspection. 2013 CGC §4.304.1	
ENHANCED DURABILITY AND REDUCED MAINTENANCE (2013 CGC §4.406)	
Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls will be rodent-proofed by closing such openings with cement mortar, concrete masonry, or similar method acceptable to the enforcing agency. 2013 CGC §4.406.1	
CONSTRUCTION WASTE REDUCTION, DISPOSAL, AND RECYCLING (2013 CGC §4.408)	
A minimum of 60% of the non-hazardous construction and demolition waste generated at the site will be diverted to an offsite recycle, diversion, or salvage facility.	
BUILDING MAINTENANCE AND OPERATION (2013 CGC §4.410)	
An operation and maintenance manual will be provided to the building occupant or owner. 2013 CGC §4.410.1	
FIREPLACES (2013 CGC §4.503)	
Any gas fireplaces will be direct-vent, sealed-combustible type. 2013 CGC §4.503.1	
Any wood stove or pellet stove will comply with US EPA Phase II emission limits. 2013 CGC §4.503.1	
POLLUTANT CONTROL (CGC §4.504)	
At the time of rough installation, during storage on the construction site, and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution components openings will be covered with tape, plastic, sheet metals, or other methods acceptable to the enforcing agency to reduce the amount of water, dust, or debris that may enter the system. 2013 CGC §4.504.1	
Adhesives, sealants, and caulks used on the project shall follow local and regional air pollution or air quality management district standards. 2013 CGC §4.504.2.1	
Paints and coatings will comply with VOC limits per CGC §4.504.2.2	
Aerosol paints and coatings will meet the Product-weighted MIR limits for ROC and other requirements. 2013 CGC §4.504.2.3	
Documentation provided verifies compliance with VOC finish materials. 2013 CGC §4.504.2.4	
Carpet system installed in the building interior will meet the testing and product requirements found in the 2013 California Green Building Code. 2013 CGC §4.504.3	
Where resilient flooring is installed, at least 80% of the floor area receiving resilient flooring will comply with the California Green Building Code requirements. 2013 CGC §4.504.4	
Hardwood plywood, particleboard, and medium density fiberboard composite wood products used on the interior and exterior of the building will comply with the low formaldehyde emission standards. 2013 CGC §4.504.5	

Green Building Measure	Plan Reference
INTERIOR MOISTURE CONTROL (2013 CGC §4.505)	
A capillary break will be installed if a slab on grade foundation system is used. The use of a 4" thick base of ½" or larger clean aggregate under a 6 mil vapor retarder with joint lapped not less than 6" will be provided unless an engineered design has been submitted and approved by the Building Division. 2013 CGC §4.505.2 and California Residential Code (CRC) §R506.2.3	
Building materials with visible signs of water damage will not be installed. Wall and floor framing will not be enclosed when the framing members exceed 19% moisture content. Moisture content will be verified prior to finish material being applied. 2013 CGC §4.505.3	
INDOOR AIR QUALITY AND EXHAUST (2013 CGC §4.506)	
Exhaust fans that are ENERGY STAR-compliant, ducted and that terminate outside the building will be provided in every bathroom. 2013 CGC §4.506.1 Unless functioning as a component of a whole-house ventilation system, fans must be controlled by a humidistat. 2013 CGC §4.506.1	
ENVIRONMENTAL COMFORT (CGC §4.507)	
The heating and air-conditioning system will be sized, designed and have their equipment selected using the following methods: 1. Heat Loss/Heat Gain values in accordance with ANSI/ACCA 2 Manual J-2004 or equal; 2. Duct systems are sized according to ANSI/ACCA 1, Manual D-2009 or equivalent; 3. Select heating and cooling equipment in accordance with ANSI/ACCA 3, Manual S-2004 or equivalent. 2013 CGC §4.507	
INSTALLER SPECIAL INSPECTOR QUALIFICATION (2013 CGC §702)	
HVAC system installers will be trained and certified in the proper installation of HVAC systems and equipment by a recognized training/certification program. 2013 CGC §702.1	
VERIFICATION (2013 CGC §703)	
Upon request, verification of compliance with this code may include construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the Building Division that will show substantial conformance with the 2013 Code requirements. 2013 CGC §703.1	

Responsible Designer's Declaration Statement	Contractor's Declaration Statement
I hereby certify that this project has been designed to meet the requirements of the 2013 Green Building Code.	I hereby certify, as the builder or installer, under permit listed herein, that this project will be constructed to meet the requirements of the 2013 Green Building Code.
Name:	Name:
Address:	Address:
City/State/Zip Code	City/State/Zip Code
Signature:	Signature:
Date:	Date: